

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A laundry dryer comprising:
a heater for performing a drying procedure on laundry;
a moisture sensor for sensing a level of moisture present in the laundry during the drying procedure and outputting a voltage signal;
memory configured to store a reference voltage value and a plurality of voltage values based on the sensed moisture level; and
a microcomputer for controlling said heater based on the voltage signal output from said moisture sensor and for resetting the stored reference voltage value based on a comparison of two successively stored voltage values among the plurality of voltage values stored in said memory.
2. (Previously Presented) The laundry dryer as claimed in claim 1, wherein said memory is an EEPROM.
3. (Previously Presented) The laundry dryer as claimed in claim 1, wherein the moisture sensor is an electrode-type sensor and wherein the voltage signal is generated by the laundry being accommodated in a rotating drum to be brought into contact with said moisture

sensor during the drying procedure.

4. (Previously Presented) A laundry dryer control method comprising steps of:

(a) driving a heater for a first predetermined time during a drying procedure performed on laundry;

(b) sensing a first level of moisture present in the laundry after the first predetermined time has elapsed;

(c) storing in memory a first value indicative of the sensed first moisture level;

(d) comparing the stored first value to a reference value to determine a completion of the drying procedure;

(e) driving, if said comparing step determines that the drying procedure is not completed, the heater for a second predetermined time;

(f) sensing a second level of moisture present in the laundry after the second predetermined time has elapsed;

(g) storing in the memory a second value indicative of the sensed second moisture level;

(h) determining whether sensor contamination is present by comparing the stored first and second values to obtain a contamination error; and

(i) based on the contamination error to compensate for the sensor contamination.

5. (Original) The method as claimed in claim 4, further comprising a step of stopping said driving of the heater if the completion of the drying procedure is determined.

6. (Previously Presented) The method as claimed in claim 5, wherein the completion of the drying procedure is determined if, in said comparing step, the stored first

value is not less than the reference value.

7. (Previously Presented) The method as claimed in claim 4, wherein said resetting step is performed if the stored second value differs from the stored first value.

8. (Previously Presented) The method as claimed in claim 4, wherein each of the first value and the second value are indicative of successive voltages output from a moisture sensor and wherein the reference value corresponds to a predetermined voltage output from the moisture sensor, the predetermined voltage corresponding to completion of a normal drying procedure.

9. (Previously Presented) The method as claimed in claim 4, wherein the drying procedure continues when, in said comparing step, the stored first value is less than the reference value.

10. (Previously Presented) The method as claimed in claim 9, wherein the drying procedure continues until there is no difference between the stored first value and the stored second value.

11. (Previously Presented) The method as claimed in claim 10, wherein the drying procedure is continued by repeating said steps (e) through (i) and wherein the second predetermined time is shortened for each repetition.

12. (Currently Amended) A laundry dryer comprising:
a moisture sensor for sensing a moisture level present in laundry during a drying procedure and generating a voltage signal according to the sensed moisture level;
memory configured to store a first voltage value indicative of a reference moisture

level and a second voltage value based on the sensed moisture level; and

a microcomputer for controlling the drying procedure based on the first stored voltage value and the second stored voltage value output from said moisture sensor, wherein the microcomputer is configured to compare the first stored voltage value with the second stored voltage value and configured to change a value indicative of the reference moisture level based on the comparison between the first stored voltage value with the second stored voltage value.

13. (Canceled)

14. (Canceled)

15. (Previously Presented) The laundry dryer as claimed in claim 12, further comprising a heater for drying the laundry according to the drying procedure.

16. (Previously Presented) The laundry dryer as claimed in claim 12, wherein said memory is an EEPROM.

17. (Currently Amended) The laundry dryer as claimed in claim 12, wherein the moisture sensor is an electrode-type sensor and wherein the voltage signal is generated [[by]] when the laundry in a rotating drum contacts said moisture sensor during the drying procedure.